

What is claimed is:

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1. A ceramic infrared sensor, having a lens body, comprising ceramic, a supporting part, which supports said lens body, and a detection part, which detects the light that has been transmitted through said lens body, and
5 wherein a pigment that shields visible light is contained in said lens body.
 2. A ceramic infrared sensor, having a lens body, which is comprised of a ceramic part and a resin layer that covers at least the light receiving surface of the ceramic part, a supporting part, which supports said lens body, and a
10 detection part, which detects the light that has been transmitted through said lens body, and wherein a pigment that shields visible light is contained in the ceramic part and/or resin layer of said lens body.
 - X 3. A ceramic infrared sensor as set forth in claim 1 ~~or 2~~, wherein the linear transmittance of light of 8 to 12 μ m wavelength of said lens body is 50% or more.
 - 15 4. A ceramic infrared sensor as set forth in claim 3, wherein the main component of said ceramic is zinc sulfide (ZnS).
 - X 5. A ceramic infrared sensor as set forth in claim 1 ~~or 2~~, wherein the linear transmittance of light of 3 to 5 μ m wavelength of said lens body is 50% or more.
 6. A ceramic infrared sensor as set forth in claim 5, wherein the main
20 component of said ceramic is spinel ($MgAl_2O_4$).
 7. A ceramic infrared sensor as set forth in ^{claim 1} ~~any of claims 1 through 6~~, wherein said supporting part is comprised of resin.
 8. A ceramic infrared sensor as set forth in claim 7, wherein said

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9. A ceramic infrared sensor as set forth in any of claims 1 through 6, wherein said supporting part is comprised of metal.

10. A ceramic infrared sensor as set forth in ~~any of claims 2 through 9,~~^{claim 2}
 wherein the main component of said resin layer is polyethylene.

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12. A ceramic infrared sensor as set forth in ~~any of claims 1 through 11,~~ wherein said supporting part includes a cylindrical part, which is formed between the portion of said lens body that transmits light and said detection part.